MYSQL BASIC ASSIGNMNET 2

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Employee_Code_Table:-

```
mysql> select * from Employee_Code_Table;
+---------------+--------------------+-----------------+
| Employee_code | Employee_Code_Name | Employee_Domain |
+---------------+--------------------+-----------------+
| SU_Cersei     | ru_Cersei          | JAVA            |
| SU_Daenerys   | du_Daenerys        | PHP             |
| SU_John       | ru_John            | JAVA            |
| SU_Tyrion     | tu_Tyrion          | Angular JS      |
+---------------+--------------------+-----------------+
4 rows in set (0.01 sec)
```

Employee_Details_Table:-

```
mysql> select * from Employee_Details_Table;
+-------------+--------------------+-------------------+----------------------+
| Employee_Id | Employee_First_Name | Employee_Last_Name | Graduation_Percentile |
+-------------+--------------------+-------------------+----------------------+
|           1 | John               | Snow              |                   60 |
|           2 | Daenerys           | Targaryen         |                   80 |
|           3 | Cersei             | Lannister         |                   72 |
|           4 | Tyrion             | Lannister         |                   64 |
+-------------+--------------------+-------------------+----------------------+
4 rows in set (0.11 sec)
```

Employee_Salary_Table:-

```
mysql> select * from Employee_Salary_Table;
+--------------+-------------------+-----------------+
| Employee_Id | Employee_Salary | Employee_code |
+--------------+-------------------+-----------------+
|            1 |             60000 | SU_John         |
|            2 |             25000 | SU_Daenerys     |
|            3 |             44000 | SU_Cersei       |
|            4 |             85000 | SU_Tyrion       |
+--------------+-------------------+-----------------+
4 rows in set (0.15 sec)
```

Query-1

WAQ to list all employee first name with salary greater than 50k.

SELECT a.Employee_First_Name,b.Employee_Salary FROM Employee_Details_Table AS a JOIN Employee_Salary_Table AS b ON a.Employee_Id = b.Employee_Id WHERE b.Employee_Salary>50000;

```
mysql> SELECT a.Employee_First_Name,b.Employee_Salary FROM Employee_Details_Table AS a JOIN Employee_Salary_Table AS b ON a.Employee_Id = b.Employee_Id WHERE b.Employee_Salary>50000;
+-------------------+---------------+
| Employee_First_Name | Employee_Salary |
+-------------------+---------------+
| John              |         60000 |
| Tyrion            |         85000 |
+-------------------+---------------+
2 rows in set (0.00 sec)
```

Query-2

WAQ to list all employee last name with graduation percentile greater than 70%.

SELECT Employee_Last_Name,Graduation_Percentile FROM Employee_Details_Table WHERE Graduation_Percentile>70;

```
mysql> SELECT Employee_Last_Name,Graduation_Percentile FROM Employee_Details_Table WHERE Graduation_Percentile>70;
+-------------------+----------------------+
| Employee_Last_Name | Graduation_Percentile |
+-------------------+----------------------+
| Targaryen         |                   80 |
| Lannister         |                   72 |
+-------------------+----------------------+
2 rows in set (0.00 sec)
```

Query-3

WAQ to list all employee code name with graduation percentile less than 70%.

SELECT b.Employee_Code_Name,c.Graduation_Percentile FROM Employee_Salary_Table AS a JOIN Employee_Code_Table AS b ON a.Employee_Code = b.Employee_Code JOIN Employee_Details_Table AS c ON a.Employee_Id = c.Employee_Id WHERE c.Graduation_Percentile<70;

```
mysql> SELECT b.Employee_Code_Name,c.Graduation_Percentile FROM Employee_Salary_Table AS a JOIN Employee_Code_Table AS b ON a.Employee_Code = b.Employee_Code JOIN Employee_Details_Table AS c ON a.Employee_
Id = c.Employee_Id WHERE c.Graduation_Percentile<70;
+···················+·····················+
| Employee_Code_Name | Graduation_Percentile |
+···················+·····················+
| ru_John            |                  60 |
| tu_Tyrion          |                  64 |
+···················+·····················+
2 rows in set (0.00 sec)
```

Query-4

WAQ to list all employee’s full name that are not of domain Java.

SELECT CONCAT(c.Employee_First_Name,' ',c.Employee_Last_Name) AS Full_Name,b.Employee_Domain FROM Employee_Salary_Table AS a JOIN Employee_Code_Table AS b ON a.Employee_Code = b.Employee_Code JOIN Employee_Details_Table AS c ON a.Employee_Id = c.Employee_Id WHERE b.Employee_Domain != 'JAVA';

```
mysql> SELECT CONCAT(c.Employee_First_Name,' ',c.Employee_Last_Name) AS Full_Name,b.Employee_Domain FROM Employee_Salary_Table AS a JOIN Employee_Code_Table AS b ON a.Employee_Code = b.Employee_Code JOIN E
mployee_Details_Table AS c ON a.Employee_Id = c.Employee_Id WHERE b.Employee_Domain != 'JAVA';
+···················+·····················+
| Full_Name          | Employee_Domain |
+···················+·····················+
| Daenerys Targaryen | PHP             |
| Tyrion Lannister   | Angular JS      |
+···················+·····················+
2 rows in set (0.00 sec)
```

Query-5

WAQ to list all employee_domain with sum of it's salary.

SELECT a.Employee_Domain,SUM(b.Employee_Salary) FROM Employee_Code_Table AS a JOIN Employee_Salary_Table AS b ON a.Employee_Code = b.Employee_Code GROUP BY a.Employee_Domain;

```
mysql> SELECT a.Employee_Domain,SUM(b.Employee_Salary) FROM Employee_Code_Table AS a JOIN Employee_Salary_Table AS b ON a.Employee_Code = b.Employee_Code GROUP BY a.Employee_Domain;
+---------------+----------------------+
| Employee_Domain | SUM(b.Employee_Salary) |
+---------------+----------------------+
| JAVA          |               104000 |
| PHP           |                25000 |
| Angular JS    |                85000 |
+---------------+----------------------+
3 rows in set (0.00 sec)
```

Query-6

Write the above query again but dont include salaries which is less than 30k.

SELECT a.Employee_Domain,SUM(b.Employee_Salary) AS SUM_SALARY FROM Employee_Code_Table AS a JOIN Employee_Salary_Table AS b ON a.Employee_Code = b.Employee_Code WHERE b.Employee_Salary>30000
GROUP BY a.Employee_Domain;

```
mysql> SELECT a.Employee_Domain,SUM(b.Employee_Salary) AS SUM_SALARY FROM Employee_Code_Table AS a JOIN Employee_Salary_Table AS b ON a.Employee_Code = b.Employee_Code WHERE b.Employee_Salary>30000
GROUP BY a.Employee_Domain;
+---------------+------------+
| Employee_Domain | SUM_SALARY |
+---------------+------------+
| JAVA          |     104000 |
| Angular JS    |      85000 |
+---------------+------------+
2 rows in set (0.00 sec)
```